

C-A OPERATIONS PROCEDURES MANUAL

C-A TPL 08-01 Accessing the Mothballed Vt and Vpri Areas

Text Pages 2 through 3

Attachments

Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
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Reviewed by: _____
Date

Approved by: _____
Assoc. Chairman for ESHQ Date

A. Etkin

C-A TPL 08-01 Accessing the Mothballed Vt and Vpri Areas

1. Purpose

- 1.1** This procedure details the process to be used to Access the mothballed V target (Vt) and V Primary (Vpri) areas.
- 1.2** The Vt and Vpri areas will be padlocked. The keys to the padlocks will be controlled by CAS and RCD Technicians.

2. Responsibilities

- 2.1. The Area Liaison Engineer (LE) shall prepare a work plan for the entry, obtain the required permits and approvals and control all activities during the entry.

3. Prerequisites

- 3.1. An Enhanced Work Permit and a RWP for entry into the contamination area.
- 3.2. The target group for this procedure is the CAS watch, the LE and the Operations Coordinators (OC).
- 3.3. The Training requirement is read and sign.
- 3.4. The minimum number of persons that must be trained before this procedure may be used is three, one CAS watch supervisor, one OC, and the LE.

4. Precautions

- 4.1. None

5. Procedures

- 5.1. The Area Liaison Engineer shall prepare a work plan for the entry and obtain the approval of one of the following,
 - the Chairman of the Radiation Safety Committee,
 - the Associate Chair for ESSHQ,
 - the Head of the ESSHQ Division, or
 - the ES&H Coordinator.

5.2. The Area Liaison Engineer shall secure the beam in the adjacent area during:

5.2.1. Heavy Ions or Polarized Proton operation by placing an RS-LOTO on AGS extraction into the U Line.

5.2.2. Or during Shut-Down or High Intensity Proton operation by placing an RS-LOTO on AGS injection.

5.3. The Collider Accelerator Support [CAS] Watch and the Radiological Control Division [RCD] Tech shall remove their locks from the appropriate entry gates.

5.4. For short access CAS Watch will maintain a gate watch during the access.

5.4.1 The CAS watch shall use [OPM Att. 4.1.a "C-A Gate Security Log Sheet"](#) and follow the controlled access procedure.

5.5. If a gate watch was maintained during the entry the area shall be secured by the CAS watch and the RCD tech.

5.6. If a gate watch is not maintained the area shall be re-swept and then be secured by the CAS watch and the RCD tech.

5.6.1 To secure the V Target use procedure [OPM Att. 4.56.z "V Target Station Sweep Checklist"](#)

5.6.2 To secure the V1 Blockhouse use procedure [OPM Att. 4.56.aa "V1 Blockhouse Sweep Checklist"](#)

5.7. The RS-LOTO may be removed when the area has been secured.

6. Documentation

6.1. [OPM Att. 4.1.a "C-A Gate Security Log Sheet"](#)

6.2. [OPM Att. 4.56.z "V Target Station Sweep Checklist"](#)

6.3. [OPM Att. 4.56.aa "V1 Blockhouse Sweep Checklist"](#)

7. References

7.1. None

8. Attachments

8.1 None